

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

43-037-30963

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Tenneco Oil Company

## 3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

30' FAL, 1650' FEL

At proposed prod. zone

Same as above

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 6 1/2 miles SE of Blanding, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

30'

## 16. NO. OF ACRES IN LEASE

1,866

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

80

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

6468'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5685' GR

## 22. APPROX. DATE WORK WILL START\*

12/1/83

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	+ 225'	Circulate to surface
11"	8-5/8"	24#	+ 2350'	Circulate to surface
8-3/4"	5-1/2"	17#	+ 6468'	Circulate to cover all possible productive zones

The gas is dedicated.

See attached.

Tenneco respectfully requests this well to be placed on a confidential status.

RECEIVED  
12 1 1983

CONFIDENTIAL

DIVISION OF

GAS &amp; MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Lemise Wilson

TITLE

Production Analyst

DATE

11/21/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

COMPANY TENNECO OIL COMPANY

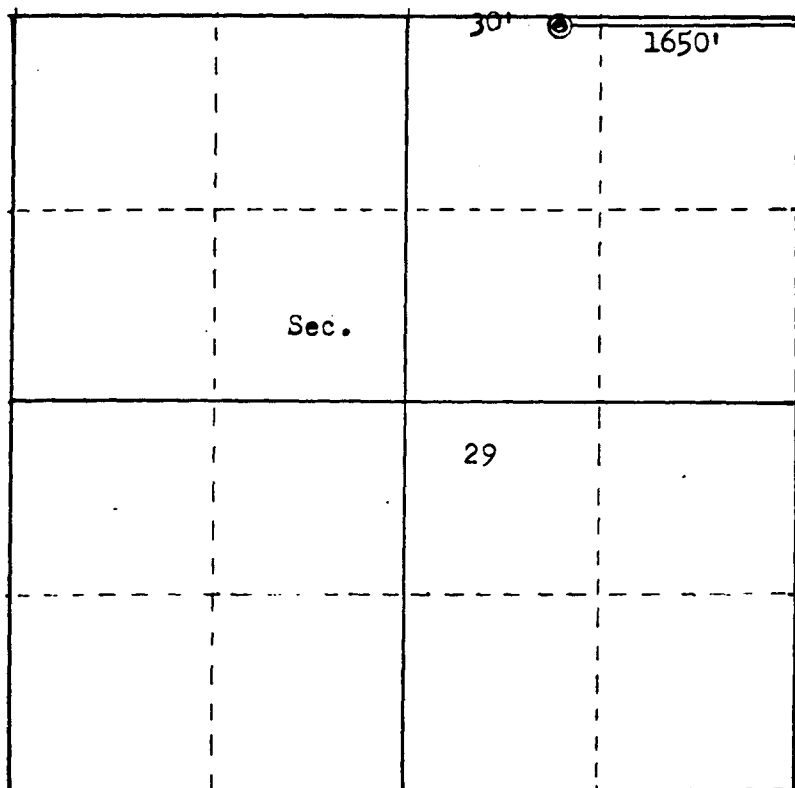
LEASE TENNECO RC UNIT WELL NO. 29-2

SEC. 29, T. 37S, R. 23E

SAN JUAN COUNTY, UTAH

LOCATION 30'FNL 1650'FEL

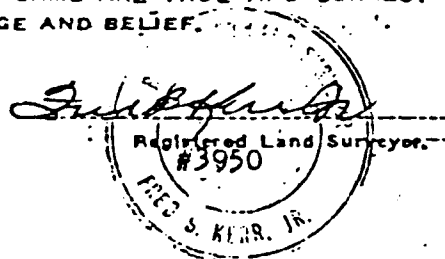
ELEVATION 5685 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

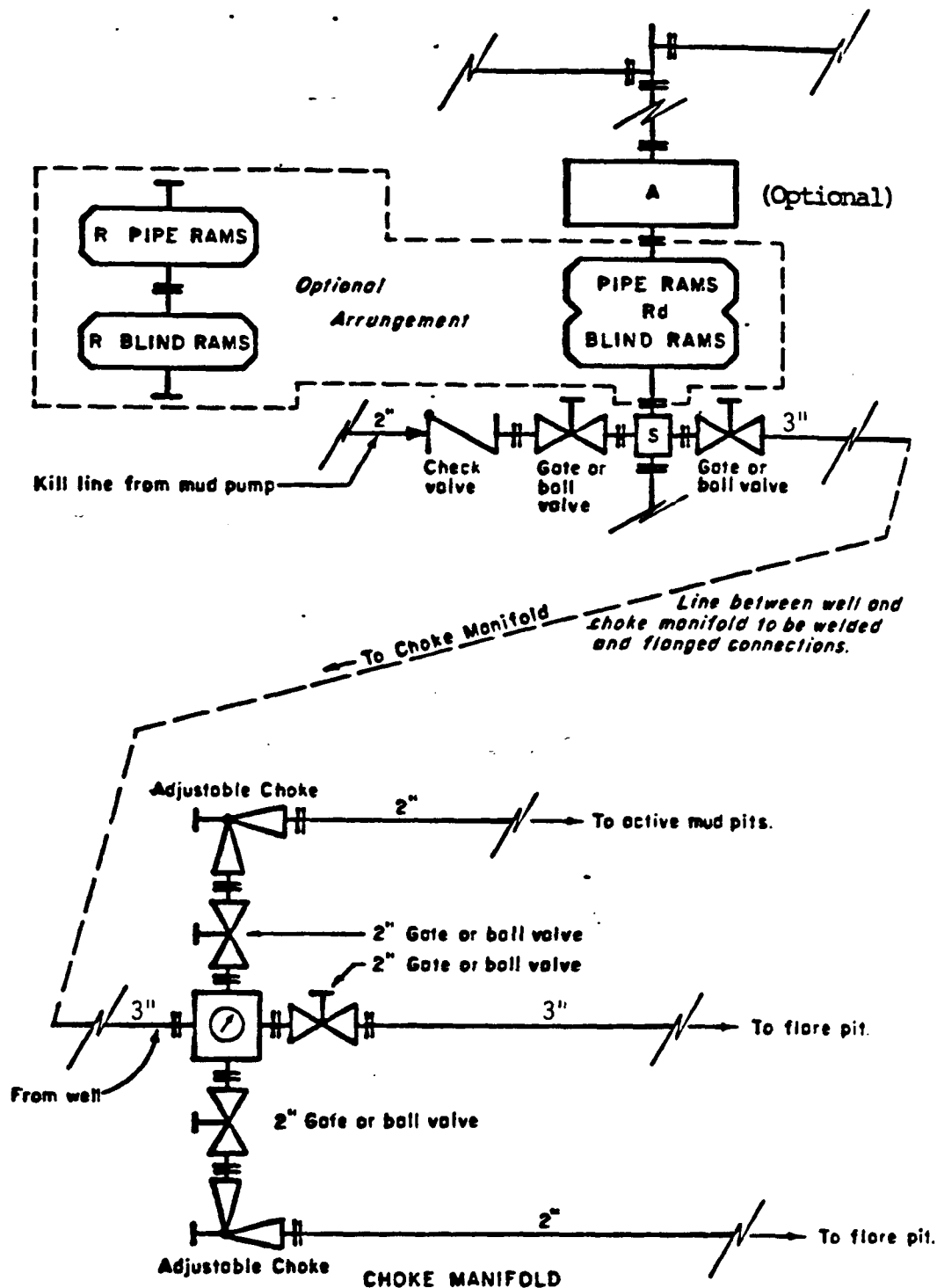
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-  
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED October 31, 1983

FARMINGTON, N. M.



All equipment to be 5,000 psi working pressure except as noted.

- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- A Annular type blowout preventer. (Optional)

#### ARRANGEMENT B

TENNECO OIL COMPANY  
 ROCKY MOUNTAIN DIVISION  
 REQUIRED MINIMUM  
 BLOWOUT PREVENTER AND  
 CHOKES MANIFOLD

Doc. 1537M

TENNECO OIL COMPANY  
WESTERN ROCKY MOUNTAIN DIVISION  
6062 SOUTH WILLOW DRIVE  
ENGLEWOOD, COLORADO 80155

DRILLING PROCEDURE

DATE: November 10, 1983

LEASE: Tenneco R.C. Unit

WELL NO.: 29-2

LOCATION: 30' FSL 1650' FEL  
Sec. 29, T37S, R23E  
San Juan County, Utah

FIELD: Wildcat

ELEVATION 5,685' G.L.  
5,698' K.B.

TOTAL DEPTH: 6,468'

PROJECTED HORIZON: Akah

SUBMITTED BY: Tom Dunning

DATE 11/10/83

APPROVED BY: *J. L. Long & Co. Inc.*

DATE 11-10-83

CC: Administration  
CRJ Well File  
Field File

ESTIMATED FORMATION TOPS

Dakota Sand	SURFACE	
Morrison Shale	140'	
Entrada Sand	1048'	(Water)
Navajo Sand	1248'	(Water)
Kayenta Shale	1748'	(Water)
Wingate Sand	1898'	(Water)
Chinle Shale	2258'	
Shinarump Sand	2863'	
Organ Rock Shale	3233'	
Cedar Mesa Sand	3770'	
Hermosa Lime	5080'	
Ismay	6086'	(Oil and Gas)
Lower Ismay	6240'	
Desert Creek	6339'	(Oil and Gas)
Akah	6440'	
T.D.	6468'	

No abnormal pressures, temperatures or presence of H<sub>2</sub>S is anticipated on this hole.

### DRILLING, CASING AND CEMENT PROGRAM

1. MURRT.
2. Set 225' of 13-3/8" casing to be used as surface string. Cement with sufficient volume to circulate cement to the surface.
3. Nipple up 12" casing flange, hydrill, and choke manifold. Pressure test hydrill, manifold, etc to 1000 psi for 15 minutes.
4. Drill 11" hole to 2350' or 80' into the Chinle Shale Formation.
5. Log well as per Exploration Department recommendations.
6. Run 8-5/8" 24#, K-55, ST&C casing to T.D. Cement with sufficient volume to circulate cement to surface.
7. WOC. Nipple up 10" casing head, BOP's and choke manifold. Pressure test BOP's, manifold, etc to 3000 psi for 15 minutes. Drill out float collar and shoe.
8. Drill 8-3/4" hole to T.D. Core and DST as shows warrant.
9. Log well as per Exploration Department recommendations.
10. If well is productive, run 5-1/2" 17#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency specifications.

### CASING PROGRAM

SURFACE:	0-225'	225'	13 3/8", 54.5#, K-55, ST&C
INTERMEDIATE:	0-2350'	2350'	8 5/8", 24#, K-55, ST&C
PRODUCTION:	0-6468'	6468'	5 1/2", 17#, K-55, ST&C

### MUD PROGRAM

0-225'	Spud mud.
225'-2350'	Fresh water. Mud sweeps as needed to clean hole.
2350'-5800'	Fresh water. Mud sweeps as needed to clean hole.
5800'-6486'	LSND

### EVALUATION

Cores and DST's: One 60' core in the Upper Ismay, one 30' core in the Desert Creek.

One DST in the Ismay; one in Desert Creek as shows warrant.

### Deviation Surveys

0-225'	Every 100' unless hole conditions prohibit running the surveys. Maximum deviation at T.D. = 1°.
225'-2350'	Every 500' or on trips. Maximum deviation 1° per 100' or 3° at T.D.
2350'-6486'	Every 500' or on trips. Maximum deviation 1° per 100' or 6° at T.D.

### Samples:

One full bag every thirty feet from surface to 4300'.  
One full bag every ten feet from 4300' to T.D.

### Logs:

Intermediate Hole: GR-BHC-CAL; DIL-GR-CAL

Production Hole: GR-BHC-CAL; DLL-MSFL-GR-CAL; CNL-LDT-GR-CAL  
(4300'-T.D.); HDT (4485'-T.D.)

### BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Preventors must be checked for operation every 24 hours. This check must be recorded on the IADC Drilling Report Sheet.

### REPORTS

Drilling Reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud cost, deviation surveys, and other pertinent information to be called into Division Office by 7:30 AM Monday thru Friday.

TENNECO OIL COMPANY  
P.O. Box 3249  
ENGLEWOOD, COLORADO 80155  
PHONE: 303-740-4800

### OFFICE DIRECTORY

Charles R. Jenkins	740-2575
Ted McAdam	740-2576
Tom Dunning	740-4813

In case of emergency or after hours call the following in the preferred order.

(1) Tom Dunning	740-4813	Office
Project Drilling Engineer	797-2154	Home
(2) Ted McAdam	740-2576	Office
Drilling Engineering Supervisor	978-0724	Home
(3) Charles R. Jenkins	740-2575	Office
Division Drilling Engineer	987-2290	Home
(4) Harry Hufft	771-5257	Home
Division Production Manager		



## Multi Point Surface Use Plan for: Tenneco R C Unit 29-2

### I. EXISTING ROADS

- A. Proposed Well Site Location: See Exhibits 1, 2, & 3
- B. Planned Access Route: There will be + 1600 feet of new access road. See Exhibit #2, total disturbed width will be 20'. No surfacing material will be used. All grades are less than 5%. One culvert may be needed at approximately 800' point. This will be placed upon the direction of BLM. The road will be upgraded to a class 3 standard after completion.
- C. Access Road Labelled: See Exhibit 2
- D. The existing roads are shown on Exhibit 2.  
San Juan County road department (801-587-2231 Ext. 43) will be contacted before roads are used.
- E. Existing Road Maintenance or Improvement: Existing dirt road will be maintained to surface management agency standards Class 3 i.e.; crowned and ditched or dipped from existing county road to the location prior to use for moving the drill rig on site.

### II. PLANNED ACCESS ROUTE

- A. Route Location: See I B above and Exhibit 2.  
The proposed new access route was selected to provide the shortest distance to the well site with safe and acceptable grades from the main connector road. Temporary access per surface management agency requirements will be built initially. If the well is a producer, the temporary road will be improved as follows;
  - 1. Width: The average dirt width will be 30 feet. The average traveled surface width will be 20 feet. Road construction will be in accordance with the surface management agency BLM standards.
  - 2. Maximum Grades: Grades will be kept to a minimum using all available engineering techniques. We will construct safe and passable grades that use existing topographic and surface geologic conditions. Maximum grade of new access will be less than 5%.
  - 3. Turnouts: Not required

4. Ditching, crowning and drainage design: Prior to construction of the new access road, the surface vegetation and topsoil will be windrowed to each side of the alignment outside construction limits. The subgrade surface will be minimum elevation of one foot above ditch grade. The road surface will be center crowned and the inslopes will have a maximum slope of 3:1. Fill slopes will be a maximum of 2:1. Water bars and/or water dips will be placed per BLM requirements. Tenneco will contact the San Juan Resource Area Manager at least 48 hours prior to commencing construction of access road and well pad.
5. Construction activity will cease when soils of road and well pad surface become saturated to a depth of 3 (three) inches or more unless otherwise approved by San Juan Resource Area Manager. During the summer and periods of dry weather, dust will be abated using water or other Resource Manager approved method.
6. Culverts Use, major cuts and fills: Culverts needed are shown on Exhibit 3.  
  
Maximum cut: Cuts will be minimal due to existing topography  
  
Maximum fill: Fills will be minimal due to the existing topography.
7. Surfacing Material: The proposed new access road will be constructed using native materials.
8. Gates, Cattleguards, Fence Cuts:  
  
Gates: N/A  
  
Cattleguards: N/A  
  
Fence cuts: N/A
9. New portion of access road will be center staked. The access road will be built along line flagged for pre drill inspection.

### III. LOCATION OF EXISTING WELLS

The proposed well is a wildcat well. Nearby existing wells.

- A. Water Wells: N/A
- B. Abandoned Wells: N/A
- C. Temporarily Abandoned Wells: N/A
- D. Disposal Wells: N/A

- E. Producing Wells: N/A
- F. Shut-in Wells: N/A
- G. Injection Wells: N/A
- H. Monitoring or observation Wells: N/A

#### IV. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES AND CONSTRUCTION METHODS

##### A. Existing facilities owned or controlled by Lessee/Operator within one mile:

- 1. Tank batteries: N/A
- 2. Production facilities: N/A
- 3. Oil gathering lines: N/A
- 4. Gas gathering lines: N/A
- 5. Injection lines: N/A
- 6. Disposal lines: N/A

##### B. New facilities in the event of production:

- 1. New facilities may consist of a well head, storage tank, production unit, meter house, all of which would remain within the disturbed area.
- 2. All permanent facilities, will be painted brown to blend in with surrounding environment.

##### C. Construction Methods

- 1. Refer to Exhibit 3 for pad topography and cross sections.
- 2. The location and proposed access road will be cleared prior to any construction. All sage will be disposed of by Tenneco. If any burning is done, Tenneco will obtain a state burning permit and notify the San Juan County Health Department 24 hours in advance. Any stump left in place will be cut to a height not to exceed 12 inches. All slash less than four inches in diameter will be chipped and scattered outside of cleared area. All material four inches or greater diameter will be removed. Tenneco will provide the dirt contractor with a copy of the surface use plan prior to any surface disturbance.
- 3. Tenneco will immediately notify the San Juan Resource Area Manager of any and all cultural/historical resources discovered as a result of operations under this permit. All activities will be suspended in the area of any such object found and leave such discoveries intact until told to proceed by San Juan Resource Area Manager. Notice to proceed will be based upon evaluation of the cultural significance of the object. Evaluation of such object will be conducted by a qualified professional selected by San Juan Resource Area Manager from a

federal agency where possible and practical. When not practical, Tenneco will follow the mitigation requirements set forth by the San Juan Resource Area Manager concerning protection, preservation or disposition of any sites or material discovered. In those situations where the San Juan Resource Area Manager determines that data recovery and/or salvage excavations are necessary, Tenneco will bear the cost of such data recovery and/or salvage operations.

4. Land ownership: The planned site lies on Federal surface.  
: The planned access road lies on Federal surface
  5. Construction of pad will be conducted as follows: Topsoil will be stripped to a depth of 12 inches. Topsoil will then be stockpiled on the west & south sides of the location and identified in some manner to avoid accidental waste or improper usage. Pits will be constructed with soil materials native to site. Construction methods will be employed to assure that no drainage flows are impounded and to prevent the loss of any hydrocarbon from site. This will be done in a manner to facilitate rapid recovery and clean-up operations.
  6. Protective measures for wildlife and livestock:  
Pits will be fenced on 3 (three) sides during drilling and on 4 (four) sides after completion to prevent entry of livestock or wildlife in the following manner: Four strand barbed wire with metal post. Pits will also be overhead flagged in the event of hydrocarbon presence on surface. Fence construction shall be on cut or undisturbed surface.
- D. Plans for re-habilitation of disturbed areas no longer needed for operation after construction and drilling completed.
1. Upon completion of well, areas required for continued use will be graded to provide drainage and minimize erosion. Those areas unnecessary for use will be graded to blend with the surrounding topography. Topsoil will be replaced on those areas and seeded according to the surface managing agency's specifications. See X C. Seeding will be completed after October 1 and before February 28. See Exhibit 4.

V. LOCATION AND TYPE OF WATER SUPPLY

- A. The water will be obtained from a legal provate source owned by Ivan Watkins located two miles southwest of Blanding. See Exhibit 2.

B. Water transportation system: Water will be trucked to the location over existing roads.

C. Water wells: N/A

A temporary use permit for the acquisition of water will be obtained from the Utah State Engineer's office.

VI. SOURCE OF CONSTRUCTION MATERIALS

A. Materials: Construction materials will consist of soil encountered within the boundaries.

B. Materials Foreign to Site: N/A

C. Refer to Exhibit #2 for access road detail.

VII. A. Cuttings will be contained within the limits of the reserve pit.

B. Drilling fluids will be retained in the reserve pit.

C. Produced fluids: No substantial amount of produced water is anticipated. The amount of fluid hydrocarbons that may be produced while treating will be retained in the reserve pit. Prior to cleanup operations, the hydrocarbons will be skimmed or removed as the situation dictates.

D. Sewage: Sanitary facilities will consist of at least one chemical toilet and after completion of operations, the sewage will be removed and disposed of by subcontractor and hauled by truck to a sanitary land-fill.

E. Garbage: The small amount of refuse will be contained in a trash cage until operations are completed and then will be disposed of at a legal and environmentally safe location.

F. Clean up of well site: After drilling, the surface of the drill pad will be cleaned and graded to accommodate a completion rig. The mouse hole and rat hole will be backfilled to prevent injury and hazard for livestock and personnel. Reserve pit will be fenced until dry and then will be backfilled using native materials except topsoil, and contoured to natural terrain.

VIII. ANCILLARY FACILITIES

A. N/A

IX. WELL SITE LAYOUT

- A. Refer to Exhibits  
1. Location of pits: 3  
2. Rig Orientation: 3 & 5

X. PLANS FOR RESTORATION OF SURFACE

- A. The San Juan Resource Area Manager will be notified at least 48 hours prior to commencing reclamation work.
- B. Reserve Pit Clean-up: The pit will be fenced on three sides prior to rig release and maintained until clean-up. Prior to backfill operations, any hydrocarbon material on pit surface will be removed. The fluids contained in the pit shall be allowed to evaporate and then the pit shall be backfilled with soil excavated from the site (excluding any topsoil removed during construction). The restored surface of the reserve pit will be contoured to prevent impoundment of drainage flows. The gradient of the surface will be maintained to prevent sudden acceleration of drainage flows which could cause continued erosion of the surface. Following backfill completion, topsoil removed from the disturbed areas will be replaced in a uniform layer over surface. The reserve pit will be seeded per the surface management agency's request. See Exhibit #4.
- C. Restoration plans if production is developed: The reserve pit will be backfilled and restored as described in X B. In addition, those disturbed areas not required for production facilities will be contoured to approximate original topography. Tenneco will upgrade and maintain access roads as necessary to prevent soil erosion and accommodate year-round traffic. Topsoil will then be placed on those areas of pad not needed for operations, ripped or disked and seeded, per the following mix; (See Exhibit #4) to a depth of 12".

Tenneco will use certified seed. Seedbed will be prepared by disking or ripping following natural contours. Seed will be drilled on contour at depth no greater than 1/2 inch. In areas that cannot be drilled, we will broadcast at double the seeding rate and harrow the seed into the soil. Seeding will be completed after September 1 and prior to prolonged ground frost. Perennial vegetation will be established. Tenneco will perform any additional work necessary in the event of seeding failures.

Following final improvement and surfacing of that portion of new access road, the topsoil windrowed to each side of the alignment will be placed on cut slopes.

D. Restoration plans if no production is developed: The reserve pit will be backfilled and restored as described in X B. Access road and location will be restored to approximate the original contours. During reclamation of site, fill material will be pushed into cuts and up over backslope. No water trapping depressions will be left. Topsoil will be distributed evenly over location and seeded according to the method, manner and type described in X C.

E. Private surface restoration: N/A

XI. OTHER INFORMATION

A. Surface Description: The topography is gently rolling to flat. Primary vegetation types are sage and native grasses.

B. Other Surface-Use Activities:  
The predominant surface use is grazing.

C. Proximity of Water, Dwelling and Historical Sites: None within one mile.  
1. Water: N/A  
2. Occupied Dwellings: N/A  
3. Historical Sites: An archaeological reconnaissance has been performed for this location and access and the report will be on file with the appropriate area surface management agency.

XII. OPERATOR'S REPRESENTATIVE

Field personnel who can be contacted concerning compliance of this Surface Use Plan are as follows:

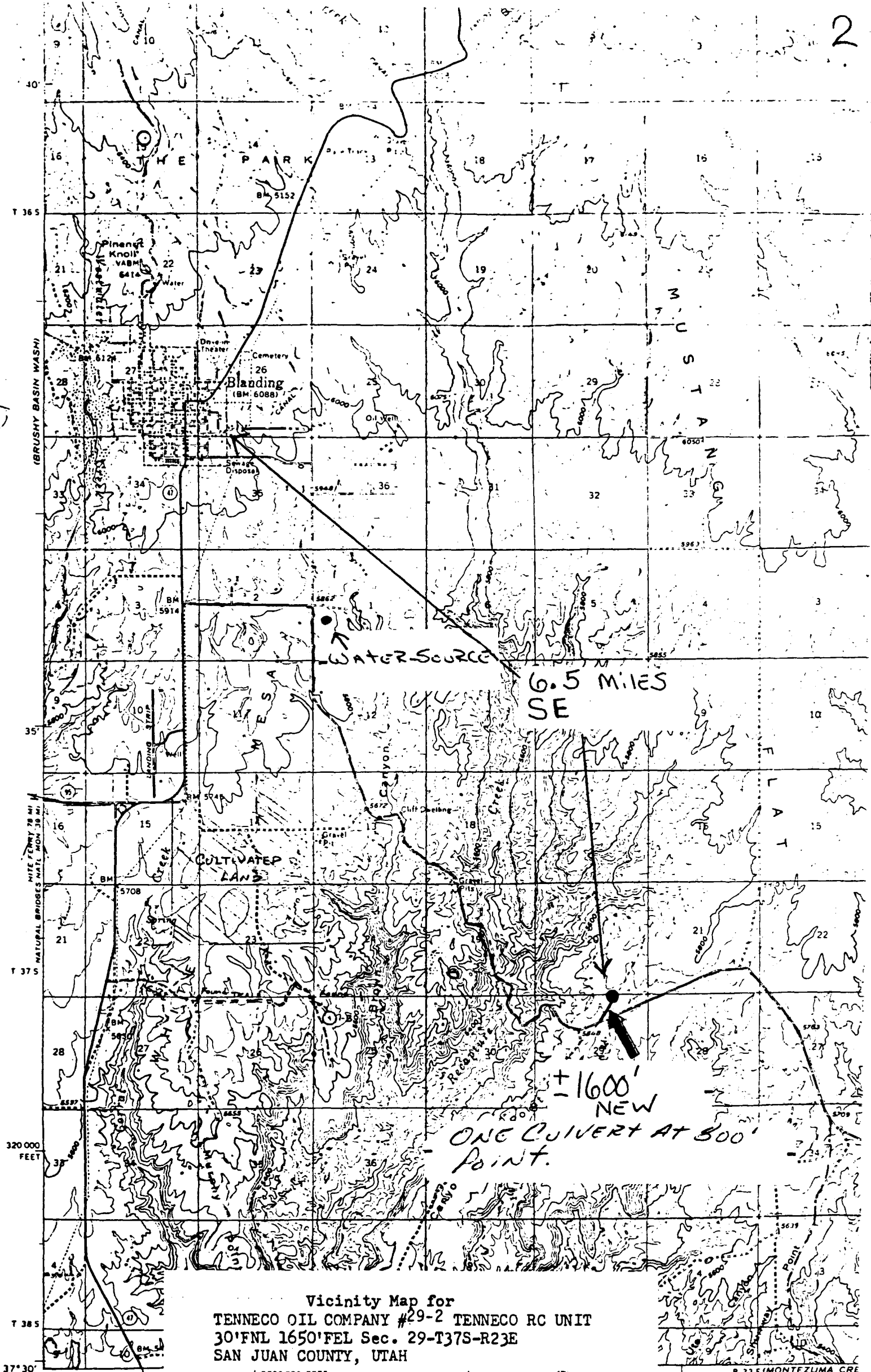
Denise Wilson  
P.O. Box 3249  
Englewood, CO 80155  
(303) 740-2591

XIII. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Tenneco Oil Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: November 21, 1983

Denise Wilson



Vicinity Map for  
TENNECO OIL COMPANY #29-2 TENNECO RC UNIT  
30'FNL 1650'FEL Sec. 29-T37S-R23E  
SAN JUAN COUNTY, UTAH

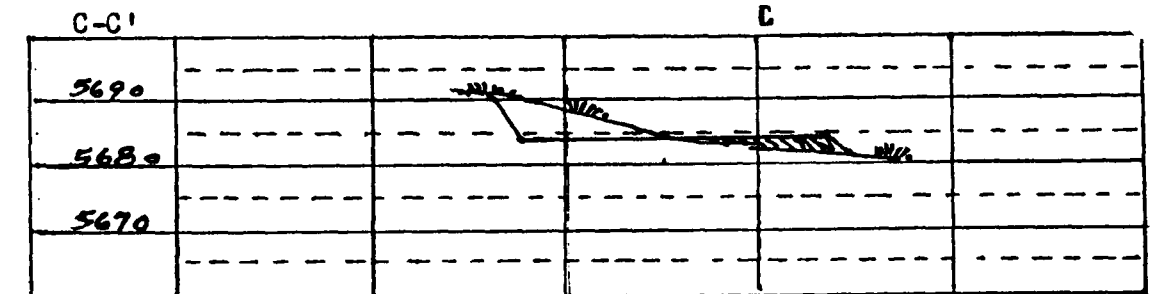
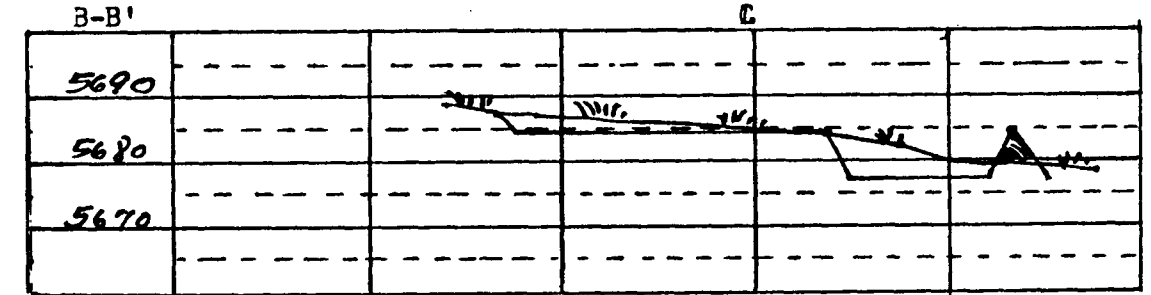
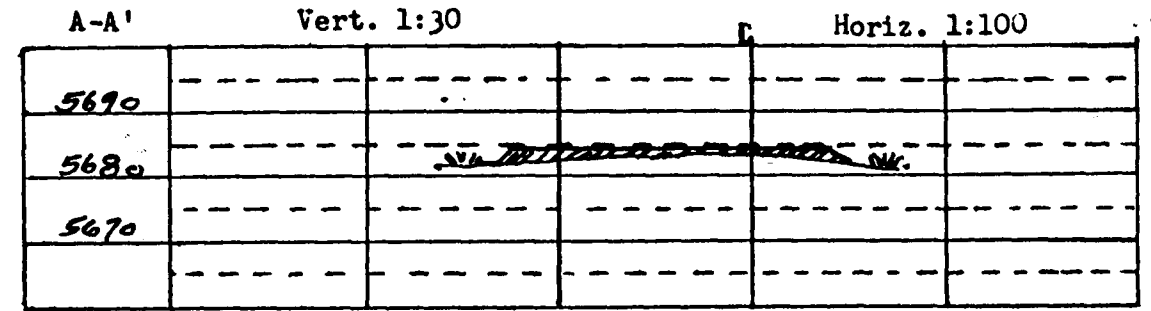
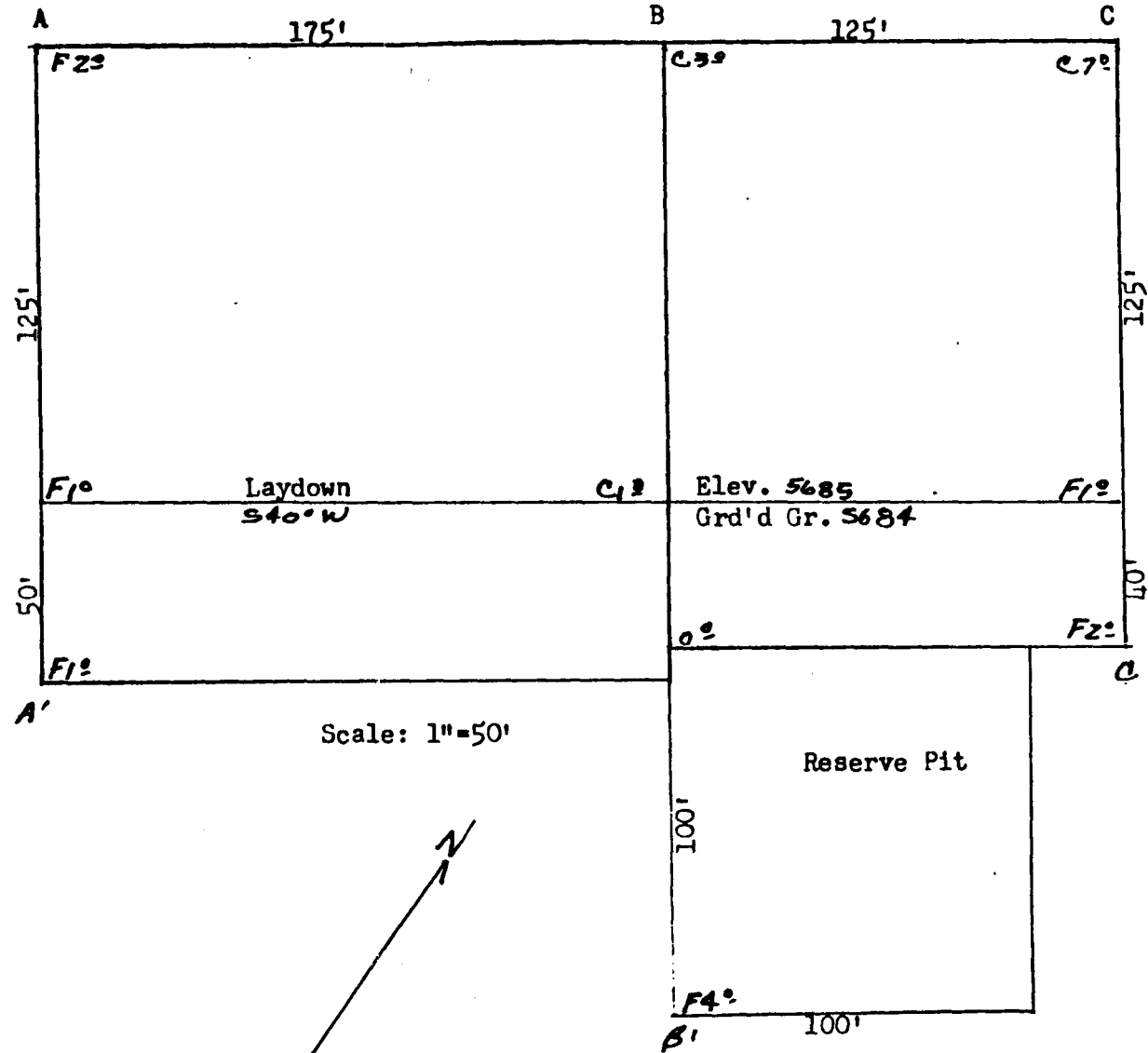
Mapped, edited, and published by the Geological Survey  
with cooperation by the Atomic Energy Commission  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1953 and 1955. Advance field check 1957  
Polyconic projection. 1927 North American datum  
10,000 foot grid based on Utah coordinate system, south zone  
1000 meter UTM grid of Transverse Mercator grid ticks.

SCALE 1:62500  
CONTOUR INTERVAL 40'  
DATUM IS MEAN SEA LE





Profile for  
 TENNECO OIL COMPANY #29-2 TENNECO RC UNIT  
 30'FNL 1650'FEL Sec. 29-T37S-R23E  
 SAN JUAN COUNTY, UTAH



EW

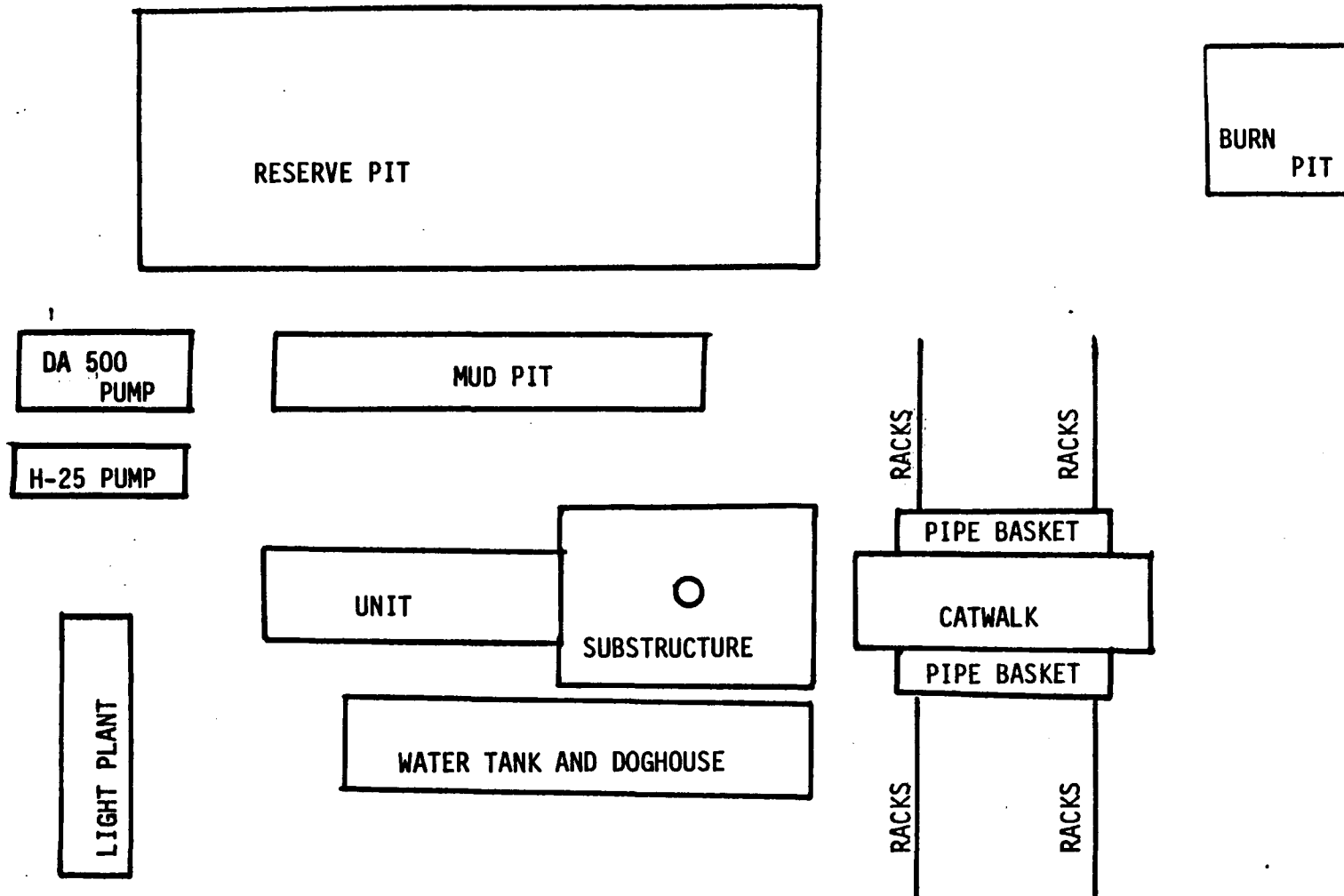
6. Water bars will be built as follows to control erosion.

<u>Grade</u>	<u>Spacing</u>
2%	Every 200 feet
2-4%	Every 100 feet
4-5%	Every 75 feet
5+%	Every 50 feet

7. Seed will be broadcast between October 1 and February 28 with the following prescription. A harrow or similar implement will be dragged over the area to assure seed cover.

2 lbs/acre Indian ricegrass (Oryzopsis hymenoides)  
1 lbs/acre Curleygrass (Hilaria jamesii)  
4 lbs/acre Crested wheatgrass (Agropyron desertorum)  
\_\_\_\_ lbs/acre Western wheatgrass (Agropyron smithii)  
\_\_\_\_ lbs/acre Alkali sacaton (Sporobolus airoides)  
\_\_\_\_ lbs/acre Sand dropseed (Sporobolus cryptandrus)  
2 lbs/acre Fourwing saltbush (Atriplex canescens)  
\_\_\_\_ lbs/acre Shadscale (Atriplex confertifolia)  
\_\_\_\_ lbs/acre Green ephedra (Ephedra viridis)  
\_\_\_\_ lbs/acre Cliffrose (Cowania mexicana)  
\_\_\_\_ lbs/acre Desert bitterbrush (Purshia glandulosa)  
\_\_\_\_ lbs/acre Winterfat (Eurotia lanata)  
\_\_\_\_ lbs/acre Globemallow (Sphaeralcea ambigua)  
1 lbs/acre Wild sunflower (Helianthus annuus)  
\_\_\_\_ lbs/acre

Exhibit  
5



RIG LAYOUT

OPERATOR TENNECO OIL CO DATE 11-30-83

WELL NAME TENNECO ACUNIT 29-Z

SEC 120N 29 T 37E R 23E COUNTY SAN JUAN

43-037-30963  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX

☐ MAP

☐ HL

☐ NLD

☐

☐ PI

PROCESSING COMMENTS:

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-30-83

[Signature]

✓ CHIEF PETROLEUM ENGINEER REVIEW:

11/30/83

APPROVAL LETTER:

SPACING: ☒ A-3 P.C.  
UNIT

☐ c-3-a CAUSE NO. & DATE

☐ c-3-b

☐ c-3-c

SPECIAL LANGUAGE?

WATER

☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☐ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT NC

☐ c-3-b

☐ c-3-c

APPROVED  
BY THE CITY

☒ CHECK DISTANCE TO NEAREST WELL.

☒ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

☒ VERIFY LEGAL AND SUFFICIENT DRILLING WATER

November 30, 1983

Tenneco Oil company  
P. O. Box 3249  
Englewood, Colorado 80155

RE: Well No. Tenneco R C Unit 29-2  
NWNE Sec. 29, T. 37S, R. 23E  
30' FNL, 1650' PEL  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. Prior to spudding, a copy of the Utah Division of Water Rights (Phone No. 801-533-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise this approval is void.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30963.

Sincerely,

Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Branch of Fluid Minerals  
Encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coors Energy Company

(303) 278-7030

## 3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

At proposed prod. zone  
30' FSL, 1650' FEL

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 6 1/2 miles southeast of Blanding, Utah

## 16. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

30'

## 18. NO. OF ACRES IN LEASE

1,866

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

80

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

6468'

## 20. ROTARY OR CABLE TOOLS

rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5685' GL

## 22. APPROX. DATE WORK WILL START\*

2/20/84

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	225'	Circulate to surface
11"	8-5/8"	24.0#	2350'	Circulate to surface
7-7/8"	5-1/2"	17.0#	6468'	Circulate to cover all possible production zones

The gas is dedicated.  
See attached.

Coors Energy Company respectfully requests this well to be placed on a confidential status.

RECEIVED  
FEB 24 1984

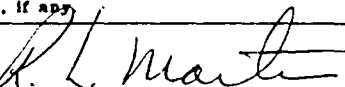
CONFIDENTIAL

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

  
R. L. Martin

TITLE

V.P. Oil/Gas Operations

DATE

2-6-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

1st Assistant V. Rhea

Associate

DISTRICT MANAGER

08 FEB 1984

APPROVED BY

TITLE

DATE

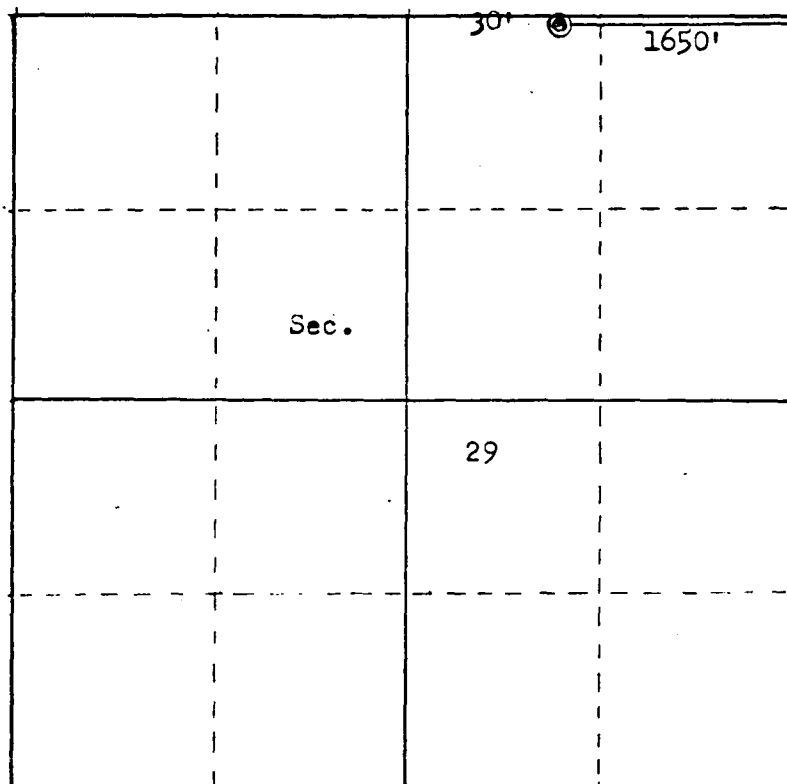
CONDITIONS OF APPROVAL, IF ANY:

FLARING OR VENTING OF  
GAS IS SUBJECT OF NTL 4-A  
DATED 1/7/80

CONDITIONS OF APPROVAL ATTACHED  
See Instructions On Reverse Side

REC'D. MDO FEB 08 1984

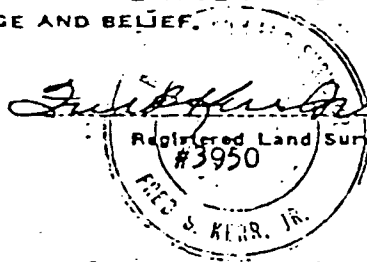
COMPANY TENNECO OIL COMPANY  
LEASE TENNECO RC UNIT WELL NO. 29-2  
SEC. 29, T. 37S, R. 23E  
SAN JUAN COUNTY, UTAH  
LOCATION 30' FNL 1650' FEL  
ELEVATION 5685 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-  
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



SURVEYED October 31, 1983, 19

FARMINGTON, N. M.



Tenneco Oil Company  
Well No. 29-2  
Sec. 29, T. 37 S., R. 23 E.  
San Juan, County  
Lease U-23154

Supplemental Stipulations:

Construction:

1. The operator will give the dirt contractor a copy of the Surface Use Plan and any additional BLM stipulations before any work.
2. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
3. All employees working in the area will be informed by the operator that they are subject to prosecution for disturbing archaeological sites or picking up artifacts.

Reclamation:

1. The access will be blocked to prevent vehicular access.

Production:

1. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Tenneco Oil Company Well No. 29-2  
Location Sec. 29, T. 37 S., R. 23 E. Lease No. U-23154

**A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported and protected.
3. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. If operations are to be suspended, prior approval of this office must be obtained and notification given before resumption of operations.

In the event abandonment of the hole is desired, an oral request may be granted by this office, but must be timely followed within 15 days with a "Notice of Intention to Abandon" (Form 9-331). Unless the plugging is to take place immediately upon receipt of oral approval, the District Manager must be notified at least 48 hours in advance of the plugging of the well in order that a representative may witness plugging operation. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form 9-331) must be submitted within 15 days after the actual plugging of the well bore, reporting where the plugs were placed, and the current status of the surface restoration. If surface restoration has not been completed at that time, a follow-up report on form 9-331 should be filed when all surface restoration has been completed and the location is considered ready for final inspection.

4. The spud date will be reported orally to the respective District Manager's office within 48 hours after spudding. If the spudding occurs on a week-end or holiday, wait until the following regular workday to make this report.

Periodic drilling progress reports must be filed directly with the District Manager's office on a frequency and form or method as may be acceptable to the District Manager.

In accordance with NTL-1, this well must be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report should be filed, in duplicate, directly with Royalty Management Accounting Center, Minerals Management Service, P. O. Box 2859, Casper, Wyoming 82602.

Any change in the program must be approved by the District Manager. "Sundry Notices and Reports on Wells" (form 9-331) must be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alteration of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan pursuant to NTL-6, and prior approval by the District Manager.

5. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.
6. Significant surface values (are) (are not) involved at this location. Accordingly, you (must) (need not) notify at least (24) (48) hours prior to commencing field operations to allow this office to have personnel present for consultation during the construction of roads and locations.

Your contact with the District Office is: Robert (Bob) Graff

Office Phone: 801-259-6111 Ext 216 Home Phone:

City: Moab State: Utah

Resource Area Manager's Address and contacts are:

Address: 480 South First West, P.O. Box 7, Monticello, Utah 84535

Your contact is: Brian Wood

Office Phone: 801-587-2201 Home Phone: 801-587-2087

## 7. SURFACE OPERATING STANDARDS

Unless otherwise specified herein, construction and maintenance of surface facilities approved under this plan shall be in accordance with the guidelines set forth in the BLM/FS/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development". This includes but is not limited to such items as road construction and maintenance, handling of top soil and rehabilitation.

8. If a replacement rig is contemplated for completion operations, a "Sundry Notice" to that effect must be filed, for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
9. Pursuant to NTL-2B requirements regarding disposal facilities for new wells, this is authorization for unlined pit disposal of the water produced from this well for a period of 90 days from the date of initial production for sales purposes. During this period, an application for approval of the permanent disposal method, along with the required water analysis and other information must be submitted for the District Manager's approval. Failure to timely file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order until the application is submitted.
10. This permit is valid for a period of one year from the date of approval. If construction does not commence within 90 days from approval, the operator must contact this office 15 days prior to beginning construction. Construction under adverse conditions may require additional stipulations. If the permit terminates, any surface disturbance created under the application must be rehabilitated in accordance with the approved plan. After termination, it is required that a new application be filed for approval for any future operations.
11. If a tank battery is constructed on this lease, it must be surrounded by a fire wall of sufficient capacity to adequately contain the storage capacity of the battery.
12. This Application for Permit to Drill is approved subject to the requirement that, should the well be successfully completed for production, this office must be notified when it is placed in a producing status. Such notification will be by telegram or other written communication, and must be received in this office by not later than the first business day next following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address and telephone number.
  - b. Well name and number.
  - c. Well location (1/4, 1/4, Section, Township, Range and Prime Meridian).
  - d. Date was placed in a producing status.
  - e. The nature of the well's production, i.e. crude oil, or crude oil and casinghead gas, or natural gas and entrained liquid hydrocarbons.

- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, i.e. State or private.
- g. If appropriate, the unit agreement name, number and participating area name.
- h. If appropriate, the communitization agreement number.

13.

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SUPPLEMENTAL STIPULATIONS OF APPROVAL ATTACHED

## ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included a submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



February 16, 1984

State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Bldg.  
Salt Lake City, Utah 84114

Attn: Arlene

Dear Arlene:

Attached please find a copy of the approved State APD and the Designation of Agent for the following well:

USA RC Unit 29-2  
Section 29, T37S-R23E  
San Juan County, Utah

Let us know if you find that you have any further questions regarding this Application. Thank you.

Very truly yours,

R. L. Martin  
Vice President  
Oil & Gas Operations

RLM:kr

Attachments

Express Mail

DESIGNATION OF AGENT

Chief, Branch of Fluid Minerals, Oil and Gas Operations:

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the R.C. Unit Agreement, San Juan County, Utah, No. 14-08-0001-21206 approved April 26, 1983 and hereby designates:

NAME: Coors Energy Company

ADDRESS: P.O. Box 467  
Golden, CO 80401

as its agent, with full authority to act in its behalf in complying with the terms of the Unit Agreement and regulations applicable thereto and on whom the Chief or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing unit well No. 29-2, in the NW/4NE/4 Section 29, Township 37 South, Range 23 East, S.L.M., San Juan County, Utah.

It is understood that this designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement and the Oil and Gas Operating Regulations. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

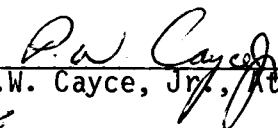
In case of default on the part of the designated agent, the Unit Operator will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The Unit Operator agrees promptly to notify the oil and gas supervisor of any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above-specified unit well. Unless sooner terminated, this designation shall terminate when there is filed in the appropriate district office of the Bureau of Land Management a completed file of all required Federal reports pertaining to subject well. It is also understood that this designation of agent is limited to field operations and does not cover administrative action requiring specific authorization of the Unit Operator.

TENNECO OIL COMPANY

  
P.W. Cayce, Jr., Attorney-In-Fact

*MWB*  
*KE*



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE  
her instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-23154

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

----

7. UNIT AGREEMENT NAME

RC Unit

8. FARM OR LEASE NAME

USA

9. WELL NO.

29-2

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 29, T37S-R23E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Coors Energy Company

(303) 278-7036

3. ADDRESS OF OPERATOR

PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

30'FNL, 1650'FEL, NW/4NE/4

14. PERMIT NO.

43-037-30963

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5685'GL

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

Progress Report

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

2/24/84 Spudded this day at 12:01 midnight.

2/25/84 Ran 6 joints of 13-3/8" casing to 265'KB, cemented w/315 sks of Class B cement.

2/26 to

2/27/84 Drilling.

2/28/84 Set 8-5/8" casing at 2335.5'KB, cemented w/925 sks of Halliburton lite plus 200 sks of Class B cement.

2/29 to

present Drilling.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. L. Martin

TITLE

V.P. O/G Operations

DATE

3-1-84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-23154
2. NAME OF OPERATOR Coors Energy Company (303) 278-7030		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colo. 80402		7. UNIT AGREEMENT NAME RC Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  30'FNL, 1650'FEL, NW/4NE/4		8. FARM OR LEASE NAME USA
14. PERMIT NO. 43-037-30963		9. WELL NO. 29-2
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 5685'GL		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T37S-R23E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

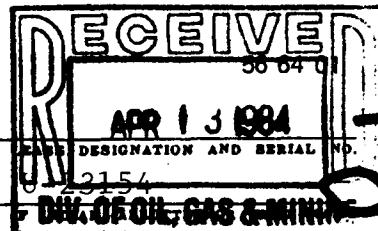
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was drilled to a total depth of 5375' on 3/3/84. Surface pipe problems resulted in fishing jobs for 6 days. On 3/8/84 the decision was made to P&A the well. Mr. Bob Graff was contacted in Moab, Utah at the BLM and P&A instructions were obtained. A 90-sack cement plug was set from 2258' to 2126' and a second cement plug was set from 150' to surface with 40 sacks. A dry hole marker will be installed after the drilling operations are completed on the Offset well: the USA RC Unit 29-2X. The 29-2 was P&A'd as of 3/9/84. The rig was skidded 42' to the south and the RC Unit 29-2X was spudded 3/10/84. (See additional Sundry Notice for the RC Unit 29-2X for details).

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 3/16/84  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct.  
SIGNED: [Signature] DIRECTOR, O/G Operations 3/12/84  
TITLE: D. S. Spagnuolo  
(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		7. UNIT AGREEMENT NAME RC Unit	
2. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ P&A'd		8. FARM OR LEASE NAME USA	
2. NAME OF OPERATOR Coors Energy Company (303) 278-7030		9. WELL NO. 29-2	
3. ADDRESS OF OPERATOR PO Box 467, Golden, Colorado 80402		10. FIELD AND POOL, OR WILDCAT Wildcat	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 30' FNL, 1650' FEL, NW/4NE/4 At top prod. interval reported below same At total depth same		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 29, T37S-R23E	
14. PERMIT NO. 43-037-30963		DATE ISSUED 11/30/83	
15. DATE SPUDDED 2/24/84		16. DATE T.D. REACHED 3/7/84	
17. DATE COMPL. (Ready to prod.) 3/8/84		18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 5685' GL	
19. ELEV. CASINGHEAD -----		20. TOTAL DEPTH, MD & TVD 5375'	
21. PLUG, BACK T.D., MD & TVD surface		22. IF MULTIPLE COMPL., HOW MANY* -----	
23. INTERVALS DRILLED BY -----		ROTARY TOOLS 0-5375'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P&A'd		25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN None		27. WAS WELL CORED no	

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48.00#	265' KB	17 1/2"	315 sks.	
8-5/8"	24.00#	2336' KB	12 1/4"	1125 sks.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	

31. SEPARATION RECORD (Interval, size and number) Set plugs as follows:  2258-2126' w/90 sks of cement 150' to surface w/40 sks.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr><td>None</td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	None							
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED												
None													

33. PRODUCTION							
DATE FIRST PRODUCTION -----		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) -----				WELL STATUS (Producing or shut-in) P&A'd	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY

35. LIST OF ATTACHMENTS None
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R. L. Martin TITLE V.P. O/G Operations DATE 4-11-84

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric logs, formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAN. DEPTH	TRUE VERT. DEPTH
Entrada	1060'					
Chinle	2230'					
Organ Rock	3283'					
Cedar Mesa	3815'					
Hermosa	5110'					
TD:	5375'					